

Substitute Form PTO-1449  
(Modified)

U.S. Department of Commerce  
Patent and Trademark Office

Attorney's Docket No.  
06618-362001

Application No.  
09/409,644

### Information Disclosure Statement by Applicant

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant  
Lewis *et al.*

Filing Date  
October 1, 1999

Group Art Unit  
2856

### U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
AS	AA	4,674,320	6.23.87	Hirschfeld	73	23	
AS	AB	5,698,089	12.16.97	Lewis et al.	205	787	
AS	AC	5,571,401	11.5.96	Lewis et al.	205	787	
AS	AD	5,788,833	8.4.98	Lewis et al.	205	787	
AS	AE	5,466,348	11.14.95	Holm-Kennedy	204	153.1	
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
AS	AQ	Dickinson et al., "Generating Sensor Diversity Through Combinatorial Polymer Synthesis" Anal. Cham. 1997, Vol. 69, pp. 3413-3418
AS	AR	Doleman et al., "Quantitative Study of the Resolving Power of Arrays of Carbon Black-Polymer Composites in Various Vapor-Sensing Tasks" Anal. Chem. 1998, 4177-4190
AS	AS	Lipman, "E-noses nose out traditional odor-detection equipment" EDN magazine, December 17, 1998
AS	AT	Luinge et al., "Trace-level identity confirmation from infrared spectra by library searching and artificial neural networks" Analytica Chimica Acta 345 (1997) 173-184

Andrew Soderquist 9/18/01

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<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Nathan S. Lewis, <i>et al.</i>	
		Filing Date October 1, 1999	Group Art Unit 2856

## U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>AS</i>	AA	5,417,100	May 23, 1995	Miller et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

## Foreign Patent Documents or Published Foreign Patent Applications

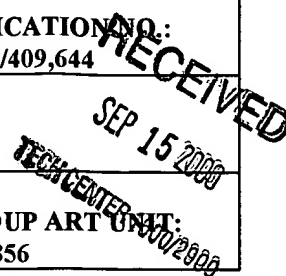
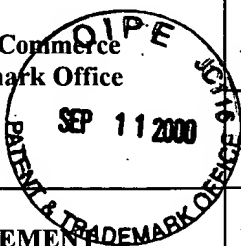
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	AM							
	AN							
	AO							
	AP							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>AS</i>	AQ	K. Domansky et al., "Development and Calibration of Field-Effect Transistor-Based Sensor Array for Measurement of Hydrogen and Ammonia Gas Mixtures in Humid Air", <i>Analytical Chemistry</i> , February 1, 1998, Vol. 70, No. 3, pages 473-481
<i>AS</i>	AR	T. C. Pearce et al., "Electronic Nose for Monitoring the Flavour of Beers", <i>Analyst</i> , April 1993, Vol. 118, pages 371-377
<i>AS</i>	AS	J. M. Slater et al., "Multi-layer Conducting Polymer Gas Sensor Arrays for Olfactory Sensing", <i>Analyst</i> , April 1993, Vol. 118, pages 379-384
<i>AS</i>	AT	M. C. Freund et al., "A chemically diverse conducting polymer-based "electronic nose"", <i>Proceedings of the National Academy of Sciences of the United States of America</i> , March 1995, Vol. 92, pages 2652-2656
<i>AS</i>		M. C. Lonergan et al., "Array-Based Vapor Sensing Using Chemically Sensitive, Carbon Black-Polymer Resistors", <i>Chemistry of Materials</i> , 1996, Vol. 8, No. 9, pages 2298-2312

Examiner Signature <i>Alan S. Soderquist</i>	Date Considered 9/19/01
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO 1449 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO.: CIT1250-2	APPLICATION NO.: 09/409,644
	APPLICANT(S): Nathan S. Lewis <i>et al.</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANTS	FILING DATE: October 1, 1999	GROUP ART UNIT: 2856



### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

AS	AV	Costello, <i>et al.</i> , "Novel Composite Organic-Inorganic Semiconductor Sensors for the Quantitative Detection of Target Organic Vapours," <i>J. Mater. Chem.</i> , 6(3):289-294 (1996)

EXAMINER <i>Arthur Soderquist</i>	DATE CONSIDERED <i>9/19/01</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.